

UK Type Examination Certificate CML 21UKEX2468X Issue 0**United Kingdom Conformity Assessment**

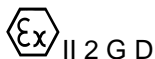
- 1 Product or Protective System Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1
- 2 Equipment **Keyboard / Mouse Type EXTA**
- 3 Manufacturer **Pepperl+Fuchs SE**
- 4 Address **Lilienthalstrasse 200
68307 Mannheim
Germany**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, Approved Body Number 2503, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to specific conditions of use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This UK Type Examination certificate relates only to the design and construction of the specified equipment. Further requirements of the Regulations apply to the manufacturing process and supply of the product. These are not covered by this certificate.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN IEC 60079-0:2018

EN 60079-11:2012

- 10 The equipment shall be marked with the following:



Ex ib IIC T4 Gb

Ex ib IIIB T135°C Db



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11 Description

The keyboard is used for input of data and is designed for mounting in an enclosure. The keyboard consists of pc boards, which are fixed behind a light metal plate and protected by a metal cover; the light metal plate has openings for the operation of switching elements and a plastic foil at the front side. In some variations additionally a track ball or a touch pad or a joystick is fastened.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	10 June 2021	R141121/00	Issue of Prime Certificate

Note: Drawings that describe the equipment are listed or referred to in the Annex.

13 Conditions of Manufacture

None.

14 Specific Conditions of Use

The following conditions relate to the installation and/or safe use of the equipment:

- i. The danger of ignition due to propagating brush discharges must be avoided by mounting the apparatus in areas without intensive charging mechanism.
- ii. The connecting cable must be fixed and effectively protected against damage.
- iii. For the types EXTA*-*-*6-X a capacitance of 7 pF was measured at the non-grounded joystick. Therefore, electrostatic charges in the area of Group IIC must be avoided.
- iv. Keyboard type EXTA.*-N*-*-*X has to be attached to a suitable enclosure in a way that a degree of protection of IP54 is ensured.
- v. The required degree of protection IP54 for Keyboard types EXTA*-*-*F*-*-*X depends on the end application and must be ensured in the complete assembly.

Certificate Annex

Certificate Number CML 21UKEX2468X
Equipment Keyboard / Mouse Type EXTA
Manufacturer Pepperl+Fuchs SE



The following documents describe the equipment defined in this certificate:

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For drawings describing the equipment, refer to attached certificate BVS 07ATEXE163X Iss. 5. In addition to the drawings listed on BVS 07ATEXE163X Iss. 5, the following drawings include the additional marking required for this UK Type Examination certification:

Drawing No	Sheets	Rev	Approved date	Title
16-1555CM-10	1 of 2	0	10 June 2021	Additional Marking Requirements for UKCA